



# SPYWOLF

## Security Audit Report



Completed on  
**July 3, 2023**



# OVERVIEW

This audit has been prepared for **Night Fire Night** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

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# Night Fire Night



## PROJECT DESCRIPTION

### **According to their website:**

Night Fire Night in the quiet and beautiful night, it will illuminate the sky as gorgeous as fire.

NFIRE is its name and it was deployed on Binance Smart Chain.

**Release Date:** Presale starts in July, 2023

**Category:** Meme token



# CONTRACT INFO

Token Name  
Night Fire Night

Symbol  
NFIRE

Contract Address  
0x58875278FEEf8C33A4e6A36522E73807c9031e7d

Network  
Binance Smart Chain

Language  
Solidity

Deployment Date  
Jul 01, 2023

Verified?  
Yes

Total Supply  
210,000,000,000,000,000

Status  
Not launched

## TAXES

Buy Tax  
**10%**

Sell Tax  
**10%**

## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	2100000000000000000 NFIRE
Median Transfer Amount	2100000000000000000 NFIRE
Average Transfer Amount	2100000000000000000 NFIRE
First transfer date	2023-07-01
Last transfer date	2023-07-01
Days token transferred	1

# SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-07-01 09:29:55 UTC
Created	2023-07-01 09:29:55 UTC
Create TX	0x36cc69065d67280fbe4e3674889bc8aaf0011ea9574ca698e439273030dbf3ce
Creator	0x456010f643af7c0cf1fd9313dab6aa672763f752



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## High Risk

No high risk-level threats found in this contract.

## Medium Risk

No medium risk-level threats found in this contract.

## Low Risk

No low risk-level threats found in this contract.



## Informational

Owner can exclude address from fees.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromFee(address account) public onlyOwner {
    require(!_isExcludedFromFee[account], "Freddy: Already Excluded");
    _isExcludedFromFee[account] = true;

    emit excludeFromFeeWallet(account);
}
```

Owner can exclude address from rewards.

```
function excludeFromReward(address account) public onlyOwner {
    require(!_isExcluded[account], "Account is already excluded");
    if (_rOwned[account] > 0) {
        _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);

    emit excludeFromRewardAccount(account);
}
```



RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## Night Fire Night

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit



There is no information about the initial tokens distribution based on the project's whitepaper and/or website.

# TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

### No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

## Website URL

<https://nfirenight.com/>

## Domain Registry

<https://www.gname.com>

## Domain Expiration

Expires on 2024-06-28

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Single page design with appropriate color scheme and graphics.

## Content

There is no much information for investors to understand what the product does right away. No grammar mistakes found.

## Whitepaper

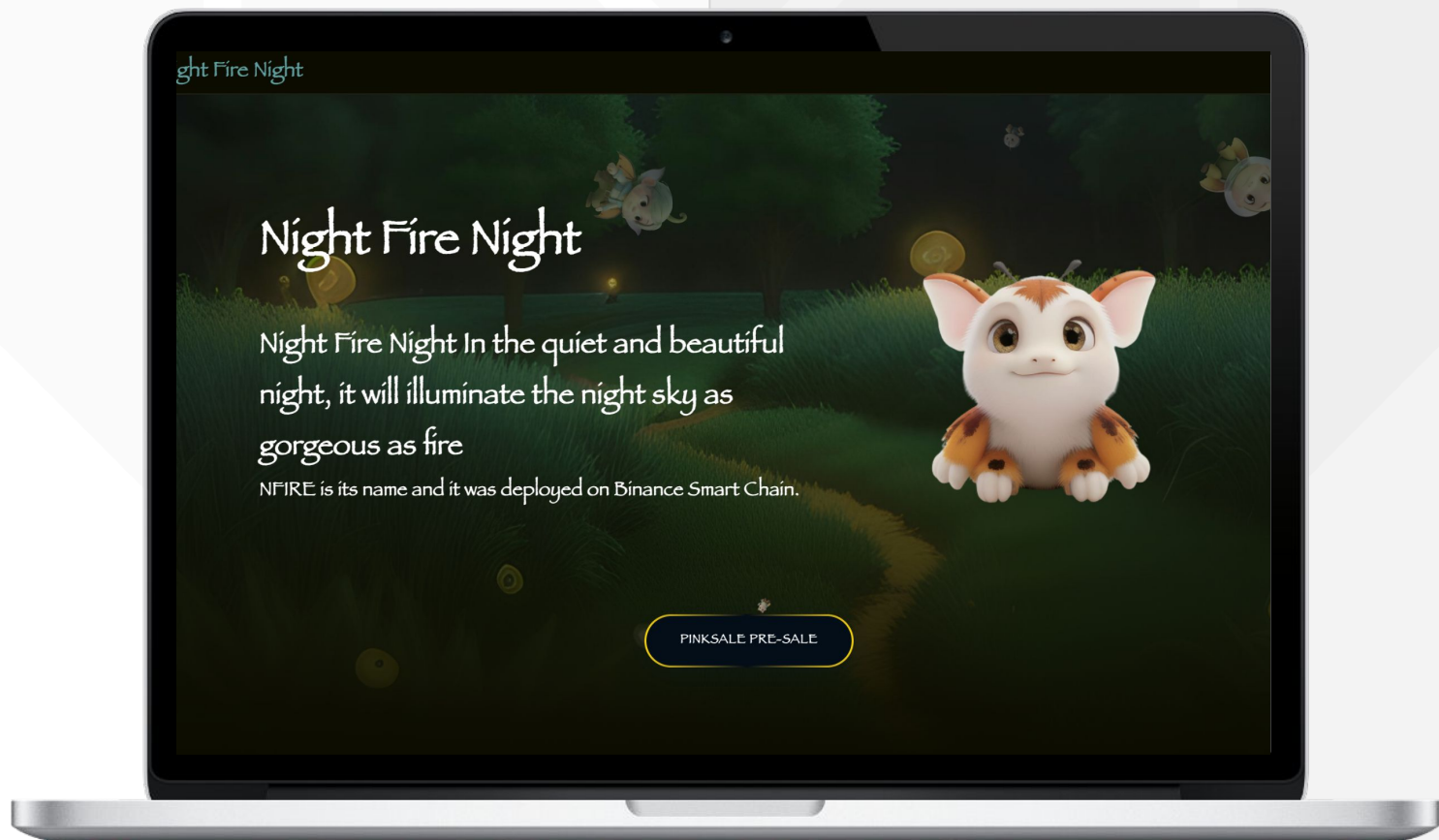
No

## Roadmap

No

## Mobile-friendly?

Yes



# nfirenight.com

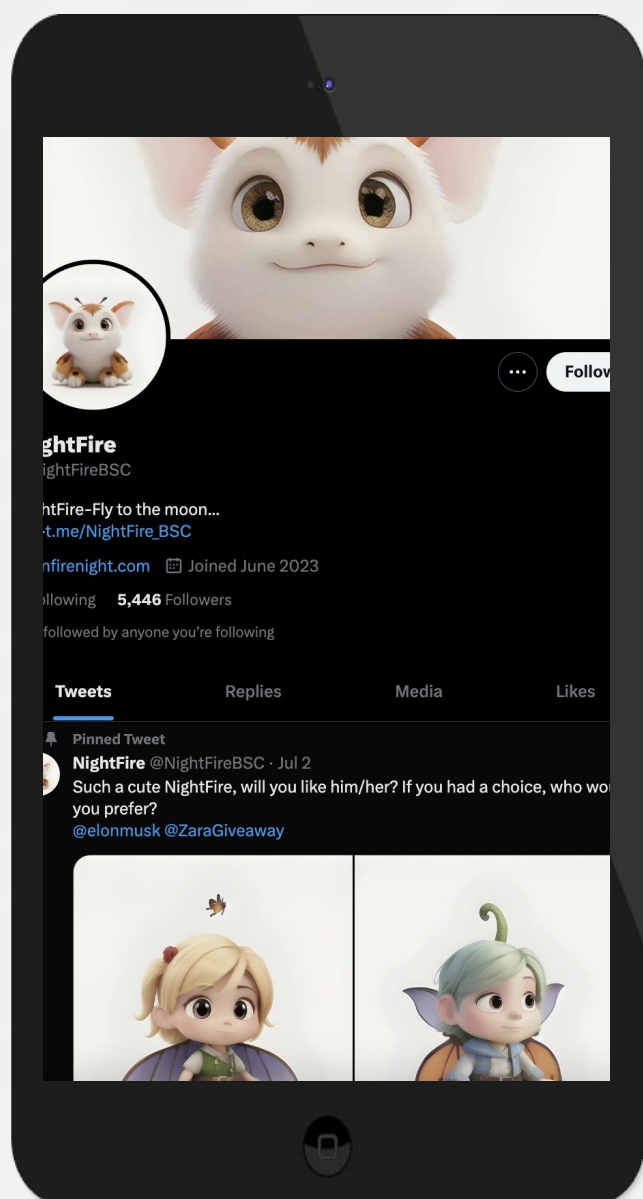


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Project's social  
media pages are new



**Twitter**

@NightFire\_BSC

- 5 306 followers
- Daily posts
- Active



**Discord**

- Not available



**Telegram**

@TelegramUSERNAME

- 5 537 members
- Few active members
- No active mods



**Medium**

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 500 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.